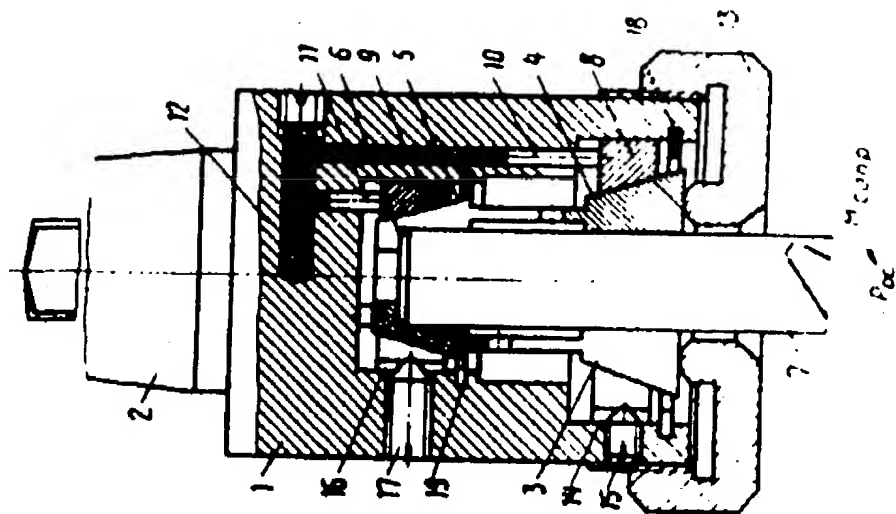


SU 1473906 A



DERWENT-ACC-NO: 1990-035389

DERWENT-WEEK: 199005

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TITLE: Precision chuck for cylindrical
drills - employs twin
hydro-plastic filler taper collets in conjunction with

INVENTOR: KUZNETSOV, Y U N; NAGORNYAK, S G ; NAZAREVICH, B
I

PATENT-ASSIGNEE: KIEV POLY[KIPO] , TERN LVOV POLY[LVPO]

PRIORITY-DATA: 1987SU-4234989 (April 27, 1987)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
SU 1473906 A		April 23, 1989	N/A
003	N/A		

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-DESCRIPTOR	APPL-NO
SU 1473906A		N/A	
1987SU-4234989		April 27, 1987	

INT-CL (IPC): B23B031/04

ABSTRACTED-PUB-NO: SU 1473906A

BASIC-ABSTRACT:

A collet chuck for cylindrical shank tools such as drills, reamers, end milling cutters etc., has a collet (3) with two conical interfaces (4,5) interacting with upper and lower taper rings (8,9) capable of axial displacement.

Inner channels in the housing are filled with an elastic medium, e.g.

hydroplastic, interacting via plungers with the taper rings
to lock or
disengage the collet in conjunction with an outer ring
(13).

ADVANTAGE - This design increases the operational
reliability of the chuck, its
accuracy and self-locking. Bul.15/23.4.89

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: PRECISION CHUCK CYLINDER DRILL EMPLOY TWIN
TAPER COLLET
CONJUNCTION HYDRO PLASTIC FILL

DERWENT-CLASS: P54

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1990-027109